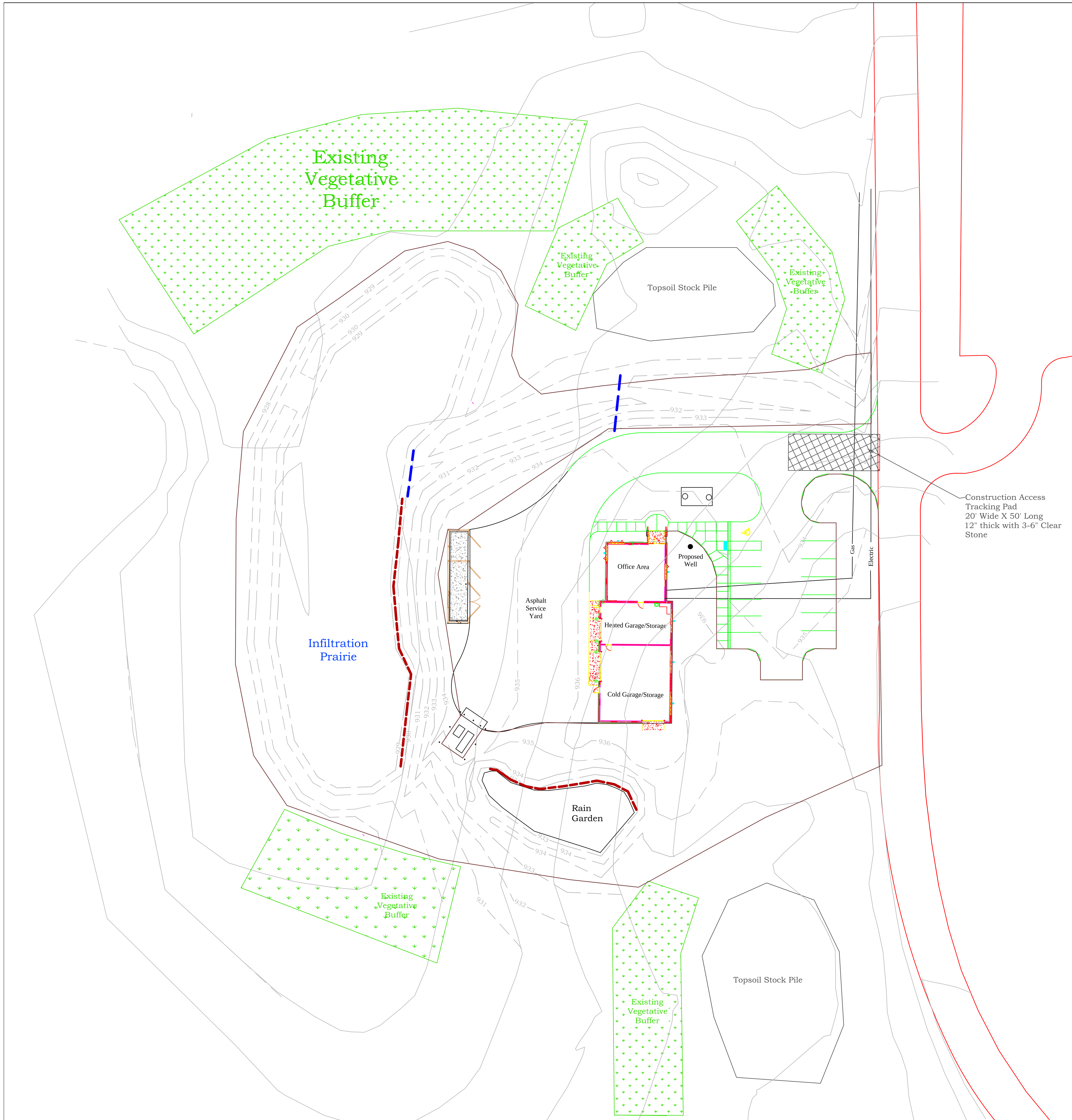

Notes:

Inspections to occur after every rain event of 1/2" or more and once per week whichever is sooner (by Owner)

Maintenance must be done within 24 hours of inspection (by Contractor)

An inspection log will be kept on the site

Vegetative Buffers Operations and Maintenance

A. Vegetative buffers shall be inspected for proper distribution of flows, sediment accumulation and signs of rill formation. Vegetative buffers shall at a minimum be inspected weekly and within 24 hours after every precipitation event that produces 0.5 inches of rain or more during a 24 hour period.

B. If the vegetative buffer becomes silt covered, contains rills, or is otherwise rendered ineffective, other perimeter sediment control measures shall be installed. Eroded areas shall be repaired and stabilized. Repair shall be completed as soon as possible with consideration to site conditions.

C. A stand of dense vegetation shall be maintained to a height of 3-12 inches.

D. Prior to land disturbance, the perimeter of vegetative buffers shall be flagged or fenced to prevent equipment from creating ruts, compacting the soil and to prevent damage to vegetation.

E. Construction equipment shall be excluded from the designated area. Vegetative buffers shall be clearly shown on plans and marked in the field.

Combined Construction Sequence and Construction Inspection Schedule

Completion Date	Duration	Milestone or Task	Date of Inspection	Inspector Initials	Inspector Role
		Prior to grading activities			
		Surveyor stakes road, drainageways, storm water BMPs. Mark wetlands.			
		Record approved maintenance agreement			
		Plan implementation meeting			
		Hold pre-construction meeting with Town, County, DNR, contractors, utilities			
		Finalize / obtain required permits			
		Install tracking pad			EC insp.
		Protect perimeter buffer areas			EC insp.
		Contact other authorities at least 2 days prior to beginning construction			
		Construct Basins			
		Strip topsoil in rain garden and subsoil stockpile areas			
		Excavate temporary or permanent basins to be used for sediment control			
		Before engineered soil is installed in the rain garden area, verify that:			
		Compost used to amend soil meets WDNR specification S100. Submit sample to LRD			Engineer
		Correct mixture of engineered soil is used (40% sand, 30% topsoil, 30% compost)			Engineer
		Sand and soil samples tested for particle size distribution			Engineer
		Before berm material is placed, verify that			
		Topsoil, stumps, and vegetation are stripped in basin berm footprint			Engineer
		The basin berm is constructed with the specified material			Engineer
		Before the berm is re-compacted around outlet pipes following installation, verify that:			
		The correct pipe diameter, drain hole diameter, and materials are used			Engineer
		The outlet pipe and riser elevations are correct			Engineer
		Anti-seep devices are installed on specified outlet pipes			Engineer
		Before topsoil is re-applied, verify that:			
		The 90% standard Proctor compaction req't is met by sampling at five locations along embankment			Engineer
		The berm elevation is 5% above design height (above existing grade) to allow for settling			Engineer
		Verify that compaction mitigation procedures were followed (deep tilling)			Engineer
		Verify that compost / loamy sand topsoil mixture is applied to surface of infiltration areas			Engineer
		As-built elevations are correct (see as-built survey punch list)			Engineer
		Begin Grading Parking and Building Areas			
		Strip topsoil in parking/building footprint. Stockpile locations are shown on plan. Protect buffer areas around stockpiles.			EC insp.
		Seed stockpiles within 30 days of lay-up			EC insp.
		Rough grading			
		Install ditch checks in swales, and biologs at toe of basin in-slopes as shown on plans			EC insp.
		Stabilize disturbed areas that are inactive for 7 days or more with temporary seed mix			EC insp.
		Construct building shell, install utilities, pave parking lot and driveway			
		Remove ditch checks			EC insp.
		Re-apply topsoil			EC insp.
		Seed, apply matting and mulch per plans, within 7 days of end of grading			EC insp.
		If permanent seeding is not completed by September 15, apply temporary seeding.			Engineer
		If temporary seeding is not completed by October 15, apply soil stabilizers and dormant seed to all disturbed areas.			Engineer
		Site must be stabilized by November 1.			EC insp.
		Refer to planting implementation plan for infiltration basins.			
		Project Wrap-Up			
		After grass is well-established, all silt fence and other temporary BMPs will be removed			EC insp.
		Complete as-built survey of basins and conveyances			Engineer
		Complete planting verification of infiltration areas			Planting verifier
		Submit maintenance agreement addendum for approval			

5/26/10 LRD

Straw Wattle, Silt Sock or Compost Filled Tube

Temporary Ditch Checks Per WISDOT PAL

North

Scale 1"=30'

WAUKESHA COUNTY
DEPARTMENT OF PARKS AND LAND USE

TEL 262-548-7790
FAX 262-896-8071

STRUCTURAL EROSION CONTROL BMPs
MENOMONEE PARK
WAUKESHA COUNTY
DEPARTMENT OF PARKS AND LAND USE
MENOMONEE FALLS, WISCONSIN

2/17/09	PJL
4/23/09	PJL

PROJECT NO.
200504

SHEET NO.
C103